



Three-Phase Commercial

Salt River Project
Distribution Design

NOTICE

Effective January 4, 2027, the SRP costing methodology will change to a per-amp/per-lot fee.

Description and Use

To assist contractors and developers, SRP provides requested rough estimates of construction charges to prepare project budgets in advance of breaking ground. Construction fees vary based on services requested. Estimated charges are subject to change at SRP's discretion and are revised every six months. All prices are for estimating purposes only.

<https://www.srpnet.com/doing-business/builders-developers-contractors/construction-services/distribution-design>

New Three-Phase Commercial

Three phase transformer charges include up to 50' of aluminum service conductors.

Total Service Conducts	Service Conductor	Three-Phase Transformers				
			Transformer Voltage 120/208		Transformer Voltage 277/480	
		SES Size (Amp)	Size (kVA)	Estimate	Size (kVA)	Estimate
1	1	200	75	\$22,123	150	\$24,233
1	1	400	150	\$25,946	300	\$28,230
2	2	600	225	\$29,818	500	\$45,733
3	2	800	300	\$31,594	750	\$50,190
4	3	1,000	300	\$34,258	750	\$52,853
5	4	1,200	500	\$42,259	1,000	\$59,878
7	5	1,600	500	\$44,923	1,000	\$62,542
10	7	2,000	750	\$66,987	1,000	\$67,869
13	10	2,500	750	\$74,977	1,500	\$99,808
19	13	3,000	1,000	\$77,427	1,500	\$107,799

Charge for Additional Primary or Service Conductor (if needed)	\$17/foot per phase
--	---------------------

Note: In addition to the charge for transformers and service conductors, remember to add appropriate charges for feeder switches, risers, and fusing cubicles.

Feeder Switches, Risers, and Fusing Cubicles

Switches	\$25,291 each
Feeder Riser (Overhead Switch)	\$16,834 each
Fusing Cubicle Position	\$3,130 each
Pulling Enclosure	\$15,708 each
4/0 Tap Enclosure	\$8,320 each

EXAMPLE

New Three-Phase Commercial

Scenario A:

A customer wants to install a 277/480V, 3-phase, 2000-amp service entrance section (SES) less than 1,000 feet from existing underground electric feeder lines. The new transformer will be located less than 50 feet from the SES.

Pricing:

1 feeder switch @ \$25,291 each (to intercept line and feed the transformer)	\$ 25,291
1000 kVA transformer and service	\$ 67,869
Charge for service length > 50 feet:	<u>0.00</u>
TOTAL:	\$ 93,160

Scenario B:

A customer wants to install a 120/208V, 3-phase, 800-amp service entrance section (SES) 1200 feet from existing underground electric feeder lines and 65 feet from transformer.

Pricing:

1 feeder switch (to intercept line) @ \$25,291 each	\$25,291
1 feeder switch (to feed transformer) @ \$25,291 each	\$25,291
300 kVA transformer and service	\$31,594
Charge for service length > 50 feet:	
(15' x 2 services x \$17 per foot)	\$ 510
Charge for primary wire > 1,000 feet:	
(200' x \$17 x 3 phases per foot)	<u>\$10,200</u>
TOTAL:	\$92,886